

Message

From: Reimer, Steve [Reimer.Steve@epa.gov]
Sent: 10/5/2018 7:07:00 PM
To: Reese, Diane [Reese.Diane@epa.gov]
Subject: RE: Do not use order issued for Craft-Turney WSC- Update #1

He probably has a drawer full of better columns. If he tries a smaller column with 2.7 micron packing he can reduce that injection volume.

I'm thinking that after a week he should be looking for the thiocyanate ions.

From: Reese, Diane
Sent: Friday, October 05, 2018 11:35 AM
To: Reimer, Steve <Reimer.Steve@epa.gov>
Subject: RE: Do not use order issued for Craft-Turney WSC- Update #1

No call for now.

Is there anything special about this column or is it just a RP C-18? I'm being told he needs to order this special and I'm thinking he probably already has something like this or something that would work.

method for MBT 3648_200dpi.pdf - Adobe Acrobat Pro DC

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Home Tools method for MBT 36... x

13 / 24 66.7%

the signal was to low to be quantified. The 1.9 µg/l solution was quantified. There were no differences in the results whether the water was spiked before or after filtration.
For other water samples there might be other interferences which can disturb the determination of low levels of MBT.

Table 3. Final analytical method:

| | |
|-----------------------|---|
| Extraction column: | LiChroLut [®] EN |
| Conditioning solvent: | 1 column volume methanol, 1 column volume distilled water. The column was not allowed to dry out. |
| Flowrate: | Approx. 0.75 l/hour |
| Elution solvent: | Ethylacetate |
| Elution volume: | 2 x 3 ml |
| Final extract volume: | 1.9 ml distilled water |
| Analytical column: | Brewerless [™] Columns Spher 5 RP-18, 5 micron, 230 x 4.6 mm |
| Flow: | 1 ml/min |
| Mobile phase: | 90 % distilled water/10 % methanol (v/v) acidified with 1 dr. H ₃ PO ₄ pr. 100 ml eluent. |
| Detection: | UV λ = 260 nm, 205 nm, 210 m and 220 nm. 0.001 AUFS. |
| Injection volume: | 200 µl |

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From: Reese, Diane
Sent: Friday, October 05, 2018 12:54 PM
To: Reimer, Steve <Reimer.Steve@epa.gov>
Subject: RE: Do not use order issued for Craft-Turney WSC- Update #1

Thank you. They want to have a conference call with you but they went to lunch. Still waiting on their return.

From: Reimer, Steve
Sent: Friday, October 05, 2018 12:39 PM
To: Reese, Diane <Reese.Diane@epa.gov>
Cc: Strock, Troy <strock.troy@epa.gov>
Subject: RE: Do not use order issued for Craft-Turney WSC- Update #1

Johnson could start with a thiocyanate analysis, a simple(?) IC method.
If it is strong enough to irritate skin then a ferric chloride test might be enough. I don't know how sensitive that would be but certainly simple.

From: Reese, Diane
Sent: Friday, October 05, 2018 9:30 AM
To: Reimer, Steve <Reimer.Steve@epa.gov>
Cc: Strock, Troy <strock.troy@epa.gov>
Subject: RE: Do not use order issued for Craft-Turney WSC- Update #1

From: Reimer, Steve
Sent: Friday, October 05, 2018 11:27 AM
To: Reese, Diane <Reese.Diane@epa.gov>
Subject: RE: Do not use order issued for Craft-Turney WSC- Update #1

<https://cameochemicals.noaa.gov/chemical/20649>

Don't work too hard on this. It's a lachrymator so its water reactivity will limit its lifetime.

There is a GC/MS spectrum at: https://pubchem.ncbi.nlm.nih.gov/compound/Methylene_dithiocyanate#section=Mass-Spectrometry

From: Reese, Diane
Sent: Friday, October 05, 2018 8:52 AM
To: Reimer, Steve <Reimer.Steve@epa.gov>
Subject: FW: Do not use order issued for Craft-Turney WSC- Update #1

From: Reese, Diane
Sent: Friday, October 05, 2018 10:19 AM
To: Strock, Troy <strock.troy@epa.gov>
Subject: FW: Do not use order issued for Craft-Turney WSC- Update #1

From: Jonathan Walling [<mailto:jonathan.walling@tceq.texas.gov>]
Sent: Wednesday, October 03, 2018 5:59 PM
To: Toby Baker <Toby.Baker@tceq.texas.gov>; Steven Schar <Steven.Schar@Tceq.Texas.Gov>; Stephanie Bergeron Perdue <Stephanie.Bergeron_Perdue@tceq.texas.gov>; Ferrell Fields <Ferrell.Fields@tceq.texas.gov>; Ryan Vise <Ryan.Vise@Tceq.Texas.Gov>
Cc: Kelly Cook <kelly.cook@tceq.texas.gov>; Ramiro Garcia <ramiro.garcia@tceq.texas.gov>; Susan Johnson

<susan.johnson@tceq.texas.gov>; Kelly Keel Linden <Kelly.KeelLinden@tceq.texas.gov>; Leroy Biggers <leroy.biggers@tceq.texas.gov>; Cari-Michel Lacaille <cari-michel.lacaille@tceq.texas.gov>; Michael Honeycutt <Michael.honeycutt@tceq.texas.gov>; L'Oreal Stepney <loreale.stepney@tceq.texas.gov>; Andrea Morrow <andrea.morrow@tceq.texas.gov>; Michelle Havelka <michelle.havelka@tceq.texas.gov>; Ross Morgan <ross.morgan@tceq.texas.gov>

Subject: Do not use order issued for Craft-Turney WSC- Update #1

Update #1, October 3, 2018

In consultation with the Water Supply Division, the do not use order has expanded to 500 connections to include all customers on the pressure plane where the backflow occurred. The WSC is working on delivering the do not use notice (attached) to the additional connections. The region has learned that the product is a type of commercial fungicide (label attached). MSDS sheets have been provided to Toxicology which are under review. The TCEQ is coordinating with the WSC on a sampling plan. Sampling will begin on October 4, 2018.

CID and Media Relations have been apprised of the situation.

From: Ramiro Garcia

Sent: Wednesday, October 3, 2018 4:03 PM

To: Toby Baker <Toby.Baker@tceq.texas.gov>; Steven Schar <Steven.Schar@Tceq.Texas.Gov>; Stephanie Bergeron Perdue <Stephanie.Bergeron_Perdue@tceq.texas.gov>; Ferrell Fields <Ferrell.Fields@tceq.texas.gov>; Ryan Vise <Ryan.Vise@Tceq.Texas.Gov>

Cc: Kelly Cook <Kelly.Cook@tceq.texas.gov>; Michelle Havelka <Michelle.Havelka@tceq.texas.gov>; Kelly Keel Linden <Kelly.KeelLinden@tceq.texas.gov>; Leroy Biggers <Leroy.Biggers@tceq.texas.gov>; Ross Morgan <Ross.Morgan@tceq.texas.gov>; Jonathan Walling <Jonathan.Walling@tceq.texas.gov>; Susan Johnson <Susan.Johnson@tceq.texas.gov>; Cari-Michel Lacaille <Cari-Michel.Lacaille@tceq.texas.gov>; Michael Honeycutt <Michael.Honeycutt@tceq.texas.gov>

Subject: FW: Do not use order issued for Craft-Turney WSC

Good afternoon,

A do not use order has been issued today for Craft-Turney WSC, located in South Cherokee County, South of Jacksonville. There are 16 affected connections related to a back siphonage event the Arrington Sawmill. Five of the 16 connections are located at the Sawmill, therefore 11 other customers may have been affected by the event.

The system indicated that the back siphonage has been isolated to the 16 connections by valving off this area. The operators were hand delivering the do not use orders today at 1:00 p.m. The WSC conducted a Customer Service Inspection today at the Arrington Sawmill and determined that a tank containing a wood preservative did not have a backflow prevention device.

Of note: On 9/29/18 the water system repaired a water line break. On 10/01/18 the WSC received complaints of water quality including burning or irritated skin after exposure to the water. The water system believes a back siphonage may have occurred during the line break repair. Samples were collected and the system is waiting on the lab results.

Region-5 Tyler staff are in route to get more details. We are trying to get a copy of the don not use order issued by the WSC. We understand the WSC is providing water to the affected customers. More details below.

-Ramiro

Begin forwarded message:

From: Ross Morgan <ross.morgan@tceq.texas.gov>
Date: October 3, 2018 at 3:05:31 PM CDT
To: Kelly Keel Linden <Kelly.KeelLinden@tceq.texas.gov>, Jonathan Walling
<jonathan.walling@tceq.texas.gov>
Cc: Leroy Biggers <leroy.biggers@tceq.texas.gov>, Cara Fisher <cara.fisher@tceq.texas.gov>, Kevin
Glanton <kevin.glanton@tceq.texas.gov>
Subject: Dot not use order issued for

Craft-Turney WSC, located in South Cherokee County, South of Jacksonville, issued a Do Not Use order 10/3/18, on 16 connections related to a back siphonage event at Arrington Sawmill. Five of the 16 connections are located at the Sawmill, therefore 11 other customers may have been affected by the event. The system indicated that the backs siphonage has been isolated to the 16 connections, by valving off this area.

On 9/29/18 the water system repaired a water line break. On 10/01/18 the water system received complaints of water quality including burning or irritated skin after exposure to the water. The water system believes a back siphonage may have occurred during the line break repair. Samples were collected and the system is waiting on the lab results.

A CSI was conducted on 10/3/18 on all 5 connections at Arrington Lumbermill. The CSI determined a tank containing a wood preservative, for treating wood pallets did not have a backflow prevention devise. A PRZ was installed to protect the water supply. Details on the wood preservative are noit currently known BY the Region 5 Office. We are seeking more information.

The Region 5 Office was notified today and responded immediately. Kevin Glanton, from the Region 5 Office is in route to get more details.

The system indicated their operators are hand delivering the do not use orders around 1:00 10/3/2018.

RBM

Links to entities:

<http://www.ctwscorp.com/>

<http://www.arringtonlumber.com/>